



RCE/2809
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PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date

December 1, 2003

Denise Sheridan
Denise Sheridan

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/043,680

Confirmation No. : 9219

Applicants: Timothy B. Cowles et al.

Filed : January 10, 2002

Attorney Docket No.: 500792.03

Art Unit : 2824

Customer No. : 27,076

Examiner : Van Thu T. Nguyen

Title : REFRESH CONTROLLER AND ADDRESS REMAPPING CIRCUIT AND
METHOD FOR DUAL MODE FULL/REDUCED DENSITY DRAMS

REQUEST FOR CONTINUED EXAMINATION (RCE)
UNDER 37 C.F.R. § 1.114

Mail Stop RCE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants request continued examination, under 37 C.F.R. § 1.114, of the above-identified application.

1. Submission Required Under 37 C.F.R. § 1.114

- a. Submission previously submitted
 - i. Consider the amendment/reply under 37 C.F.R. § 1.116 previously filed on _____.
 - ii. Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____.
 - iii. Consider the Information Disclosure Statement (IDS) previously filed on _____.

Page 1 of 2

- _____.
- b. Submission enclosed
- i. Amendment/Reply
 - ii. Affidavit(s)/Declaration(s)
 - iii. Supplemental Information Disclosure Statement (IDS)

2. Suspension of Action (Period of suspension shall not exceed 3 months; fee under 37 C.F.R. § 1.17(i) required)

Suspension of action on the above-identified application is requested under 37 C.F.R. § 1.103(c) for a period of ____ months.

3. Accompanying Papers

- Postcard
- Check
- Fee Transmittal Sheet

4. Deposit Account

The Commissioner is authorized to charge any additional fees required in the above-identified patent application to Deposit Account No. 50-1266.

Respectfully submitted,

Timothy B. Cowles et al.

Date: 12/1/03

By: *Steven Arterberry*

Steven H. Arterberry
Reg. No. 46,314
Customer No. 27,076
Dorsey & Whitney LLP
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Attorney for Applicants

FEE TRANSMITTAL SHEET

O I P (FOR FY 2004)

DEC 04 2003

METHOD OF PAYMENT (Check One)

1. [X] The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: 50-1266; Deposit Account Name: DORSEY & WHITNEY LLP

2. [X] Check Enclosed

FEES CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		<u>Fee Description</u>	
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
1001	770	2001	385	<input type="checkbox"/> Utility Filing Fee	
1002	340	2002	170	<input type="checkbox"/> Design Filing Fee	
1003	530	2003	265	<input type="checkbox"/> Plant Filing Fee	
1004	770	2004	385	<input type="checkbox"/> Reissue Filing Fee	
1005	160	2005	80	<input type="checkbox"/> Provisional Filing Fee	
Subtotal (1)		\$0			

2. EXTRA CLAIM FEES

Current Claims	Prior	Extra	Fee	Fee Paid
Total	- 20	=	x \$	= \$
Ind.	- 3	=	x \$	= \$
Multiple Dependent Claims		x \$	= \$	
Subtotal (2)		\$0		

Large Entity		Small Entity		<u>Fee Description</u>	
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
1202	18	2202	9	Claims in excess of 20	
1201	86	2201	43	Independent claims in excess of 3	
1203	290	2203	145	Multiple dependent Claim	
1204	86	2204	43	Reissue independent claims over original patent	
1205	18	2205	9	Reissue claims in excess of 20 and over original patent	

Complete if Known					
Application No.		10/043,680			
Filing Date		January 10, 2002			
First Named Inventor		Timothy B. Cowles			
Group Art Unit		2824			
Examiner		Van Thu T. Nguyen			
Atty. Docket Number		500792.03			
FEES CALCULATION (Continued)					
3. ADDITIONAL FEES					
Large Entity	Small Entity				
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Description</u>	<u>Fee paid</u>
1051	130	2051	65	Surcharge - Late filing fee or oath	\$
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	\$
1053	130	1053	130	Non-English specification	\$
1812	2,520	1812	2,520	For Filing a Request for ex parte Reexamination	\$
1804	920	1804	920	Requesting publication of SIR prior to Examiner action	\$
1805	1,840	1805	1,840	Requesting publication of SIR after Examiner action	\$
1251	110	2251	55	Extension for reply within first month	\$
1252	420	2252	210	Extension for reply within 2 nd month	\$
1253	950	2253	475	Extension for reply within 3 rd month	\$
1254	1,480	2254	740	Extension for reply within 4 th month	\$
1255	2,010	2255	1,005	Extension for reply within 5 th month	\$
1401	330	2401	165	Notice of Appeal	\$
1402	330	2402	165	Filing a brief in support of an appeal	\$
1403	290	2403	145	Request for oral hearing	\$
1814	110	2814	55	Terminal Disclaimer Fee	\$
1452	110	2452	55	Petition to revive – unavoidable	\$
1453	1,330	2453	665	Petition to revive – unintentional	\$
1501	1,330	2501	665	Utility/Reissue issue fee	\$
1502	480	2502	240	Design issue fee	\$
1503	640	2503	320	Plant issue fee	\$
1460	130	1460	130	Petitions to the Commissioner	\$
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	\$
1806	180	1806	180	Submission of IDS	\$
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	\$
1801	770	2801	385	Request for Continued Examination (RCE)	\$770
Other fee (specify)					
Subtotal (3)					\$770
Total Amount of Payment:					

Submitted by:

Name: Steven H. Arterberry Reg. No.: 46,314 Telephone: (206) 903-8800

Signature:  Date: 12/1/03